

DaimlerChrysler AG

## Patent claims

1. A safety device (1) for a motor vehicle comprising  
5 at least one closable opening of the interior, a  
closing element (4) driven by a servo drive (3)  
being provided for closing the opening,  
characterized in that a control unit (5) is  
provided, which unit evaluates the data (6)  
10 relevant to safety when the vehicle is in motion  
and activates the servo drive (4) at such a time  
that the closing element (4) is moved into a  
predetermined position, in which the closable  
opening has an open gap, prior to the occurrence of  
15 an expected accident.
2. The safety device (1) as claimed in claim 1,  
characterized in that the closing element (4) can  
be moved into the predetermined position both from  
20 an open position and from the closed position.
3. The safety device (1) as claimed in claim 1,  
characterized in that the size of the open gap can  
be individually preset.  
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4. The safety device (1) as claimed in claim 1,  
characterized in that the closing element (4) is a  
side window or a sliding roof of the motor vehicle.
- 30 5. The safety device (1) as claimed in claim 1,  
characterized in that the servo drive (3) has a  
quick closing function, which is activated by the  
control unit (5) when the server drive (3) is  
activated.  
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6. The safety device (1) as claimed in claim 1,  
characterized in that the data (6) relevant to  
safety when the vehicle is in motion are driving  
state variables.

7. The safety device (1) as claimed in claim 1,  
characterized in that the data (6) relevant to  
safety when the vehicle is in motion are ambient  
5 data.

8. The safety device (1) as claimed in claim 1,  
characterized in that the data relevant to safety  
when the vehicle is in motion are evaluated driver  
10 activities.

9. The safety device (1) as claimed in claim 1,  
characterized in that, if the accident does not  
occur, the closing element (4) is moved into its  
15 original position again.